

To: Kumar, Ashij (EC)[ashij.kumar@canada.ca]; Grannemann, Norman[nggranne@usgs.gov]
Cc: Spoelstra, John (EC)[john.spoelstra@canada.ca]; Schardt, James[schardt.james@epa.gov]
From: VanStempvoort, Dale (EC)
Sent: Wed 4/20/2016 7:25:44 PM
Subject: RE: PRP report for Annex 8
PRP Annex 8 - Apr 20 dvs.docx

Thanks much Ash. I am suggesting a few more changes as indicated in the highlighted text and comments in the attached version.

Here is the reasoning behind these edits.

- Only the one bullet on page 4 really addresses the topic “Assess information gaps and science needs related to groundwater to protect the quality of Waters of the Great Lakes.”
- I have moved the other two down to the next category, because they seem to fit better with the topic “Identify groundwater impacts on the chemical, physical and biological integrity of the Waters of the Great Lakes.”
- I changed the wording in the bullet about the OGS groundwater chemistry project to “**is being evaluated for potential use in**” to reflect the tentative nature of this indicator development work as reflected in the most recent teleconference (yesterday). We are not sure how/if we are going to include this data. This is a work in progress.

Norm, what are your thoughts on this version?

Dale

From: Kumar, Ashij (EC)
Sent: April 20, 2016 2:12 PM
To: VanStempvoort, Dale (EC); Grannemann, Norman
Cc: Spoelstra, John (EC); Schardt, James
Subject: RE: PRP report for Annex 8

Revised chapter based on all the revisions/edits I caught in these past emails:
 << File: PRP Annex 8 - Apr 20.docx >>

From: VanStempvoort, Dale (EC)
Sent: April 20, 2016 11:10 AM
To: Kumar, Ashij (EC); Grannemann, Norman; Schardt, James
Cc: Spoelstra, John (EC)
Subject: RE: PRP report for Annex 8

Update from message below:

Scott did not have any further items to add for Ontario (MOECC).

Suggest adding this bullet to page 5 (input from John Spoelstra):

- Environment and Climate Change Canada (ECCC) is currently assessing the role of groundwater as a source of nutrients (phosphorus and reactive nitrogen) to surface waters of Southeastern Georgian Bay and the Nottawasaga River. This work is being done as part of the Lake Simcoe – Southeastern Georgian Bay Clean-up Fund.

Dale

From: VanStempvoort, Dale (EC)
Sent: April 18, 2016 9:51 AM
To: Kumar, Ashij (EC); Grannemann, Norman; Schardt, James
Subject: RE: PRP report for Annex 8

Thanks Norm and Ash. I think this is getting close and would be acceptable as a draft. A few comments / considerations, the first two for Norm specifically:

- In the write-up for GSC, OGS, for the phrase “hydro and geochemistry”, perhaps change to “hydro- and geochemistry or “water quality and geochemistry” or other as appropriate. The term “hydro” would be potentially misunderstood.
- What about state agency activities, any ones to mention / highlight?
- Would like to give Scott a chance to comment on the Ontario activities
- Will work with John Spoelstra to possibly add a sentence or two on EC research activities in Georgian Bay area

I’ll share this draft with Scott try to have an update later today for the last one or two points.

Dale

From: Kumar, Ashij (EC)
Sent: April 18, 2016 9:33 AM
To: Grannemann, Norman; VanStempvoort, Dale (EC); Schardt, James
Subject: RE: PRP report for Annex 8

Looks good. I cleaned up everything and just replaced the reference to “Annex 10” with “Science Annex Subcommittee” near the end. If there are no more changes required is this good for the version to be submitted to the Secretariat?

Ash

From: Grannemann, Norman [<mailto:nggranne@usgs.gov>]
Sent: April 15, 2016 3:43 PM
To: VanStempvoort, Dale (EC); Kumar, Ashij (EC); Norman G Grannemann; Schardt, James

Subject: PRP report for Annex 8

Hi Dale, Ash, and Jamie,

Here is a start on the PRP report for Annex 8. Please let me know your thoughts about the document.

I hope everyone is doing fine.

Best regards.

Norm

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Norman Grannemann

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